



Patent  
Attorney Docket No. 026350-068 *WDC*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

File Patent of

Hiroshi SANO et al.

Patent No.: 6,734,342 B2

*09/19/01, 020*

Issued: May 11, 2004

Title: THEOBROMINE SYNTHASE POLYPEPTIDE OF COFFEE PLANT AND THE GENE ENCODING  
SAID POLYPEPTIDE

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Issuance of a Certificate of Correction for the above-captioned patent is respectfully requested in accordance with the accompanying Form PTO-1050 (submitted in duplicate).

- The requisite Government fee of \$100.00 (1811)
  - Is submitted herewith.
  - Is authorized to be charged to Deposit Account No. 02-4800.
  - Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.
- It is believed that payment of a fee is unnecessary.

The error in claim 7 is a PTO error as is evident from a review of claim 41 (patented claim 7) on page 4 of the Amendment filed November 19, 2003.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.20(a) that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
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Date: September 9, 2004

By

*Robert G. Mukai*

Robert G. Mukai  
Registration No. 28,531



Patent  
Attorney Docket No. 026350-068

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Hiroshi SANO et al.

Patent No.: 6,734,342 *62*

Issued: May 11, 2004

Title: THEOBROMINE SYNTHASE POLYPEPTIDE OF COFFEE PLANT AND THE GENE ENCODING  
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**COPY**

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UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,734,342 *B2*  
DATED : May 11, 2004  
INVENTOR(S) : Hiroshi Sano et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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Column 26, line 49, change "plain" to --plant--.

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MAILING ADDRESS OF SENDER:

PATENT NO. 6,734,342, B2

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SEP 15 2004



40. (New) A transformed plant produced using the method of Claim 39.
41. (New) The plant according to Claim 40, wherein said plant is selected from the group consisting of *Coffea arabica*, *Correa canephora*, *Coffea liberica*, and *Coffea dewevrei*.
42. (New) A seed obtained from the transformed plant according to Claim 40, wherein said seed contains said nucleotide sequence.
43. (New) A seed obtained from the transformed plant according to Claim 41, wherein said seed contains said nucleotide sequence.
44. (New) A method for decreasing theobromine synthesis in a plant, said method comprising introducing into a plant cell double-stranded RNA comprising a nucleotide sequence according to any one of Claims 35-38.
45. (New) A transformed plant produced using the method of Claim 44.
46. (New) The plant according to Claim 45, wherein said plant is selected from the group consisting of *Coffea arabica*, *Correa canephora*, *Coffea liberica*, and *Coffea dewevrei*.
47. (New) A seed obtained from the transformed plant according to Claim 45, wherein said seed contains said nucleotide sequence.
48. (New) A seed obtained from the transformed plant according to Claim 46, wherein said seed contains said nucleotide sequence
49. (New) A method for decreasing theobromine synthesis in a plant, said method comprising introducing into a plant cell two or more copies of the nucleotide sequence according to any one of Claims 35-38, wherein expression of said nucleotide sequence is co-suppressed.